**Tails\_Installation\_Notes**

Need to have set admin PW at startup for sudo to be allowed

If you’re on a Debian-based distribution, such as Ubuntu, try apt:

$ sudo apt install git-all

amnesia@amnesia:~$ sudo apt install git-all

[sudo] password for amnesia:

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

E: Unable to locate package git-all

amnesia@amnesia:~$ sudo apt-get update

[sudo] password for amnesia:

Get:1 tor+https://cdn-fastly.deb.debian.org/debian bookworm InRelease [151 kB]

Get:2 tor+https://cdn-fastly.deb.debian.org/debian-security bookworm-security InRelease [48.0 kB]

Get:3 tor+https://cdn-fastly.deb.debian.org/debian bullseye InRelease [116 kB]

Get:4 tor+https://cdn-fastly.deb.debian.org/debian-security bullseye-security InRelease [48.4 kB]

Get:5 tor+https://cdn-fastly.deb.debian.org/debian sid InRelease [198 kB]

Get:6 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 Packages [8,786 kB]

Get:7 tor+http://umjqavufhoix3smyq6az2sx4istmuvsgmz4bq5u5x56rnayejoo6l2qd.onion 6.1 InRelease [6,133 B]

Get:8 tor+http://umjqavufhoix3smyq6az2sx4istmuvsgmz4bq5u5x56rnayejoo6l2qd.onion 6.1/main amd64 Packages [5,074 B]

Get:9 tor+http://apow7mjfryruh65chtdydfmqfpj5btws7nbocgtaovhvezgccyjazpqd.onion/torproject.org bookworm InRelease [3,526 B]

Get:10 tor+http://apow7mjfryruh65chtdydfmqfpj5btws7nbocgtaovhvezgccyjazpqd.onion/torproject.org bookworm/main amd64 Packages [2,443 B]

Get:11 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main Translation-en [6,109 kB]

Get:12 tor+https://cdn-fastly.deb.debian.org/debian bookworm/contrib amd64 Packages [54.1 kB]

Get:13 tor+https://cdn-fastly.deb.debian.org/debian bookworm/contrib Translation-en [48.7 kB]

Get:14 tor+https://cdn-fastly.deb.debian.org/debian-security bookworm-security/main amd64 Packages [150 kB]

Get:15 tor+https://cdn-fastly.deb.debian.org/debian-security bookworm-security/main Translation-en [90.2 kB]

Get:16 tor+https://cdn-fastly.deb.debian.org/debian-security bookworm-security/contrib amd64 Packages [644 B]

Get:17 tor+https://cdn-fastly.deb.debian.org/debian-security bookworm-security/contrib Translation-en [372 B]

Get:18 tor+https://cdn-fastly.deb.debian.org/debian bullseye/main amd64 Packages [8,068 kB]

Get:19 tor+https://cdn-fastly.deb.debian.org/debian bullseye/main Translation-en [6,236 kB]

Get:20 tor+https://cdn-fastly.deb.debian.org/debian bullseye/contrib amd64 Packages [50.4 kB]

Get:21 tor+https://cdn-fastly.deb.debian.org/debian bullseye/contrib Translation-en [46.9 kB]

Get:22 tor+https://cdn-fastly.deb.debian.org/debian-security bullseye-security/main amd64 Packages [270 kB]

Get:23 tor+https://cdn-fastly.deb.debian.org/debian-security bullseye-security/main Translation-en [175 kB]

Get:24 tor+https://cdn-fastly.deb.debian.org/debian sid/main amd64 Packages [9,907 kB]

Get:25 tor+https://cdn-fastly.deb.debian.org/debian sid/main Translation-en [7,196 kB]

Get:26 tor+https://cdn-fastly.deb.debian.org/debian sid/contrib amd64 Packages [65.6 kB]

Get:27 tor+https://cdn-fastly.deb.debian.org/debian sid/contrib Translation-en [56.7 kB]

Fetched 47.9 MB in 1min 4s (743 kB/s)

Reading package lists... Done

amnesia@amnesia:~$ sudo apt install git-all

[sudo] password for amnesia:

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following additional packages will be installed:

cvs cvsps git-cvs git-doc git-email git-gui git-mediawiki git-svn gitk

gitweb libapr1 libaprutil1 libdatetime-format-builder-perl

libdatetime-format-iso8601-perl libdatetime-format-strptime-perl

libdbd-sqlite3-perl libdbi-perl libmediawiki-api-perl libserf-1-1

libsvn-perl libsvn1 libtcl8.6 libterm-readkey-perl libtk8.6 libutf8proc2 tcl

tcl8.6 tk tk8.6

Suggested packages:

mksh rcs git-daemon-run | git-daemon-sysvinit aspell meld mediawiki

subversion httpd-cgi | libcgi-fast-perl libmldbm-perl libnet-daemon-perl

libsql-statement-perl tcl-tclreadline

Recommended packages:

libemail-valid-perl libmailtools-perl libauthen-sasl-perl apache2 | lynx

| httpd

The following NEW packages will be installed:

cvs cvsps git-all git-cvs git-doc git-email git-gui git-mediawiki git-svn

gitk gitweb libapr1 libaprutil1 libdatetime-format-builder-perl

libdatetime-format-iso8601-perl libdatetime-format-strptime-perl

libdbd-sqlite3-perl libdbi-perl libmediawiki-api-perl libserf-1-1

libsvn-perl libsvn1 libtcl8.6 libterm-readkey-perl libtk8.6 libutf8proc2 tcl

tcl8.6 tk tk8.6

0 upgraded, 30 newly installed, 0 to remove and 13 not upgraded.

Need to get 19.2 MB of archives.

After this operation, 50.5 MB of additional disk space will be used.

Do you want to continue? [Y/n]

Get:1 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 cvs amd64 2:1.12.13+real-28+deb12u1 [2,805 kB]

Get:2 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 cvsps amd64 2.1-8 [48.1 kB]

Get:3 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 git-doc all 1:2.39.2-1.1 [2,149 kB]

Get:4 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libdbi-perl amd64 1.643-4 [773 kB]

Get:5 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libdbd-sqlite3-perl amd64 1.72-1 [179 kB]

Get:6 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 git-cvs all 1:2.39.2-1.1 [1,042 kB]

Get:7 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libmediawiki-api-perl all 0.52-2 [26.8 kB]

Get:8 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libdatetime-format-strptime-perl all 1.7900-1 [37.3 kB]

Get:9 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libdatetime-format-builder-perl all 0.8300-1 [63.8 kB]

Get:10 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libdatetime-format-iso8601-perl all 0.16-2 [22.4 kB]

Get:11 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 git-mediawiki all 1:2.39.2-1.1 [994 kB]

Get:12 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libapr1 amd64 1.7.2-3 [102 kB]

Get:13 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libaprutil1 amd64 1.6.3-1 [87.8 kB]

Get:14 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libserf-1-1 amd64 1.3.9-11 [55.0 kB]

Get:15 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libutf8proc2 amd64 2.8.0-1 [60.1 kB]

Get:16 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libsvn1 amd64 1.14.2-4+b2 [1,411 kB]

Get:17 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libsvn-perl amd64 1.14.2-4+b2 [1,004 kB]

Get:18 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libterm-readkey-perl amd64 2.38-2+b1 [24.5 kB]

Get:19 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 git-svn all 1:2.39.2-1.1 [1,053 kB]

Get:20 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 git-email all 1:2.39.2-1.1 [1,005 kB]

Get:21 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libtcl8.6 amd64 8.6.13+dfsg-2 [1,035 kB]

Get:22 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 libtk8.6 amd64 8.6.13-2 [781 kB]

Get:23 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 tk8.6 amd64 8.6.13-2 [69.4 kB]

Get:24 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 tcl8.6 amd64 8.6.13+dfsg-2 [120 kB]

Get:25 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 tcl amd64 8.6.13 [4,016 B]

Get:26 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 tk amd64 8.6.13 [4,052 B]

Get:27 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 git-gui all 1:2.39.2-1.1 [1,197 kB]

Get:28 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 gitk all 1:2.39.2-1.1 [1,114 kB]

Get:29 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 gitweb all 1:2.39.2-1.1 [981 kB]

Get:30 tor+https://cdn-fastly.deb.debian.org/debian bookworm/main amd64 git-all all 1:2.39.2-1.1 [979 kB]

Fetched 19.2 MB in 17s (1,144 kB/s)

INFO:asp-pre-apt:21: Saving package changes

Selecting previously unselected package cvs.

(Reading database ... 148568 files and directories currently installed.)

Preparing to unpack .../00-cvs\_2%3a1.12.13+real-28+deb12u1\_amd64.deb ...

Unpacking cvs (2:1.12.13+real-28+deb12u1) ...

Selecting previously unselected package cvsps.

Preparing to unpack .../01-cvsps\_2.1-8\_amd64.deb ...

Unpacking cvsps (2.1-8) ...

Selecting previously unselected package git-doc.

Preparing to unpack .../02-git-doc\_1%3a2.39.2-1.1\_all.deb ...

Unpacking git-doc (1:2.39.2-1.1) ...

Selecting previously unselected package libdbi-perl:amd64.

Preparing to unpack .../03-libdbi-perl\_1.643-4\_amd64.deb ...

Unpacking libdbi-perl:amd64 (1.643-4) ...

Selecting previously unselected package libdbd-sqlite3-perl:amd64.

Preparing to unpack .../04-libdbd-sqlite3-perl\_1.72-1\_amd64.deb ...

Unpacking libdbd-sqlite3-perl:amd64 (1.72-1) ...

Selecting previously unselected package git-cvs.

Preparing to unpack .../05-git-cvs\_1%3a2.39.2-1.1\_all.deb ...

Unpacking git-cvs (1:2.39.2-1.1) ...

Selecting previously unselected package libmediawiki-api-perl.

Preparing to unpack .../06-libmediawiki-api-perl\_0.52-2\_all.deb ...

Unpacking libmediawiki-api-perl (0.52-2) ...

Selecting previously unselected package libdatetime-format-strptime-perl.

Preparing to unpack .../07-libdatetime-format-strptime-perl\_1.7900-1\_all.deb ...

Unpacking libdatetime-format-strptime-perl (1.7900-1) ...

Selecting previously unselected package libdatetime-format-builder-perl.

Preparing to unpack .../08-libdatetime-format-builder-perl\_0.8300-1\_all.deb ...

Unpacking libdatetime-format-builder-perl (0.8300-1) ...

Selecting previously unselected package libdatetime-format-iso8601-perl.

Preparing to unpack .../09-libdatetime-format-iso8601-perl\_0.16-2\_all.deb ...

Unpacking libdatetime-format-iso8601-perl (0.16-2) ...

Selecting previously unselected package git-mediawiki.

Preparing to unpack .../10-git-mediawiki\_1%3a2.39.2-1.1\_all.deb ...

Unpacking git-mediawiki (1:2.39.2-1.1) ...

Selecting previously unselected package libapr1:amd64.

Preparing to unpack .../11-libapr1\_1.7.2-3\_amd64.deb ...

Unpacking libapr1:amd64 (1.7.2-3) ...

Selecting previously unselected package libaprutil1:amd64.

Preparing to unpack .../12-libaprutil1\_1.6.3-1\_amd64.deb ...

Unpacking libaprutil1:amd64 (1.6.3-1) ...

Selecting previously unselected package libserf-1-1:amd64.

Preparing to unpack .../13-libserf-1-1\_1.3.9-11\_amd64.deb ...

Unpacking libserf-1-1:amd64 (1.3.9-11) ...

Selecting previously unselected package libutf8proc2:amd64.

Preparing to unpack .../14-libutf8proc2\_2.8.0-1\_amd64.deb ...

Unpacking libutf8proc2:amd64 (2.8.0-1) ...

Selecting previously unselected package libsvn1:amd64.

Preparing to unpack .../15-libsvn1\_1.14.2-4+b2\_amd64.deb ...

Unpacking libsvn1:amd64 (1.14.2-4+b2) ...

Selecting previously unselected package libsvn-perl:amd64.

Preparing to unpack .../16-libsvn-perl\_1.14.2-4+b2\_amd64.deb ...

Unpacking libsvn-perl:amd64 (1.14.2-4+b2) ...

Selecting previously unselected package libterm-readkey-perl.

Preparing to unpack .../17-libterm-readkey-perl\_2.38-2+b1\_amd64.deb ...

Unpacking libterm-readkey-perl (2.38-2+b1) ...

Selecting previously unselected package git-svn.

Preparing to unpack .../18-git-svn\_1%3a2.39.2-1.1\_all.deb ...

Unpacking git-svn (1:2.39.2-1.1) ...

Selecting previously unselected package git-email.

Preparing to unpack .../19-git-email\_1%3a2.39.2-1.1\_all.deb ...

Unpacking git-email (1:2.39.2-1.1) ...

Selecting previously unselected package libtcl8.6:amd64.

Preparing to unpack .../20-libtcl8.6\_8.6.13+dfsg-2\_amd64.deb ...

Unpacking libtcl8.6:amd64 (8.6.13+dfsg-2) ...

Selecting previously unselected package libtk8.6:amd64.

Preparing to unpack .../21-libtk8.6\_8.6.13-2\_amd64.deb ...

Unpacking libtk8.6:amd64 (8.6.13-2) ...

Selecting previously unselected package tk8.6.

Preparing to unpack .../22-tk8.6\_8.6.13-2\_amd64.deb ...

Unpacking tk8.6 (8.6.13-2) ...

Selecting previously unselected package tcl8.6.

Preparing to unpack .../23-tcl8.6\_8.6.13+dfsg-2\_amd64.deb ...

Unpacking tcl8.6 (8.6.13+dfsg-2) ...

Selecting previously unselected package tcl.

Preparing to unpack .../24-tcl\_8.6.13\_amd64.deb ...

Unpacking tcl (8.6.13) ...

Selecting previously unselected package tk.

Preparing to unpack .../25-tk\_8.6.13\_amd64.deb ...

Unpacking tk (8.6.13) ...

Selecting previously unselected package git-gui.

Preparing to unpack .../26-git-gui\_1%3a2.39.2-1.1\_all.deb ...

Unpacking git-gui (1:2.39.2-1.1) ...

Selecting previously unselected package gitk.

Preparing to unpack .../27-gitk\_1%3a2.39.2-1.1\_all.deb ...

Unpacking gitk (1:2.39.2-1.1) ...

Selecting previously unselected package gitweb.

Preparing to unpack .../28-gitweb\_1%3a2.39.2-1.1\_all.deb ...

Unpacking gitweb (1:2.39.2-1.1) ...

Selecting previously unselected package git-all.

Preparing to unpack .../29-git-all\_1%3a2.39.2-1.1\_all.deb ...

Unpacking git-all (1:2.39.2-1.1) ...

Setting up libmediawiki-api-perl (0.52-2) ...

Setting up cvs (2:1.12.13+real-28+deb12u1) ...

Adding group `\_cvsadmin' (GID 104) ...

Done.

Setting up libutf8proc2:amd64 (2.8.0-1) ...

Setting up libapr1:amd64 (1.7.2-3) ...

Setting up git-doc (1:2.39.2-1.1) ...

Setting up libtcl8.6:amd64 (8.6.13+dfsg-2) ...

Setting up libdatetime-format-strptime-perl (1.7900-1) ...

Setting up git-email (1:2.39.2-1.1) ...

Setting up gitweb (1:2.39.2-1.1) ...

Setting up cvsps (2.1-8) ...

Setting up libterm-readkey-perl (2.38-2+b1) ...

Setting up libdbi-perl:amd64 (1.643-4) ...

Setting up libaprutil1:amd64 (1.6.3-1) ...

Setting up tcl8.6 (8.6.13+dfsg-2) ...

Setting up libtk8.6:amd64 (8.6.13-2) ...

Setting up libserf-1-1:amd64 (1.3.9-11) ...

Setting up libdatetime-format-builder-perl (0.8300-1) ...

Setting up libdatetime-format-iso8601-perl (0.16-2) ...

Setting up tcl (8.6.13) ...

Setting up libdbd-sqlite3-perl:amd64 (1.72-1) ...

Setting up libsvn1:amd64 (1.14.2-4+b2) ...

Setting up tk8.6 (8.6.13-2) ...

Setting up libsvn-perl:amd64 (1.14.2-4+b2) ...

Setting up git-cvs (1:2.39.2-1.1) ...

Setting up git-mediawiki (1:2.39.2-1.1) ...

Setting up git-svn (1:2.39.2-1.1) ...

Setting up tk (8.6.13) ...

Setting up git-gui (1:2.39.2-1.1) ...

Setting up gitk (1:2.39.2-1.1) ...

Setting up git-all (1:2.39.2-1.1) ...

Processing triggers for man-db (2.11.2-2) ...

Processing triggers for libc-bin (2.36-9+deb12u4) ...

amnesia@amnesia:~$

**Then Enable Additional Software to be installed EVERY TIME from Persistent Storage.**

https://github.com/SteveN5QC/Git\_Education.git

**First Session:**

amnesia@amnesia:~$ ls

Desktop Documents Downloads Music Persistent Pictures Public Templates 'Tor Browser' Videos

amnesia@amnesia:~$ cd Persistent

amnesia@amnesia:~/Persistent$ ls

Baptism Cold\_Brew.docx CryptoParty Git India PassKeys 'Tails System Notes' 'Tor Browser'

Binary\_Transparency Collecting\_Point.txt Data\_Journalism 'Hidden Volumes and Plausible Deniability' KeePass\_Data Python 'Task List.odt' Veracrypt\_Drives

'Climate Change' Crypto 'Divine Comedy' 'Important Records List' Libertarians Reading 'Tea Party' 'Virtual Machines'

amnesia@amnesia:~/Persistent$ cd Git

amnesia@amnesia:~/Persistent/Git$ ls

Git\_Book\_Link.txt Git\_Learning\_Resources.docx Repositories Tails\_Installation\_Notes.docx

amnesia@amnesia:~/Persistent/Git$ cd Repositories

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

amnesia@amnesia:~/Persistent/Git/Repositories$ git config --list --show-origin

file:/etc/gitconfig color.ui=auto

file:/etc/gitconfig transfer.fsckobjects=true

amnesia@amnesia:~/Persistent/Git/Repositories$ git config --global user.name "John Doe"

amnesia@amnesia:~/Persistent/Git/Repositories$ git config --global user.email johndoe@example.com

amnesia@amnesia:~/Persistent/Git/Repositories$ git config --global init.defaultBranch main

amnesia@amnesia:~/Persistent/Git/Repositories$ git config --list

color.ui=auto

transfer.fsckobjects=true

user.name=John Doe

user.email=johndoe@example.com

init.defaultbranch=main

[amnesia@amnesia](mailto:amnesia@amnesia):~/Persistent/Git/Repositories$

**Clone My Git Education Repository from Git Hub**

amnesia@amnesia:~/Persistent/Git/Repositories$ git clone https://github.com/SteveN5QC/Git\_Education.git

Cloning into 'Git\_Education'...

remote: Enumerating objects: 18, done.

remote: Counting objects: 100% (18/18), done.

remote: Compressing objects: 100% (14/14), done.

remote: Total 18 (delta 5), reused 10 (delta 3), pack-reused 0

Receiving objects: 100% (18/18), 25.84 MiB | 345.00 KiB/s, done.

Resolving deltas: 100% (5/5), done.

amnesia@amnesia:~/Persistent/Git/Repositories$

**Next on Tails: 2.2 Git Basics - Recording Changes to the Repository**

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Errata.txt

modified: README.md

modified: Session\_Log\_and\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Learning\_Plan.docx#

no changes added to commit (use "git add" and/or "git commit -a")

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Errata.txt

modified: README.md

modified: Session\_Log\_and\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Learning\_Plan.docx#

Git\_Learning\_Resources.docx

Tails\_Installation\_Notes.docx

no changes added to commit (use "git add" and/or "git commit -a")

**git add Git\_Learning\_Resources.docx**

**git add Tails\_Installation\_Notes.docx**

**git status**

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Git\_Learning\_Resources.docx

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Tails\_Installation\_Notes.docx

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: Git\_Learning\_Resources.docx

new file: Tails\_Installation\_Notes.docx

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Errata.txt

modified: README.md

modified: Session\_Log\_and\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Learning\_Plan.docx#

.~lock.Tails\_Installation\_Notes.docx#

**git add Errata.txt**

**git add README.md**

**git add Session\_Log\_and\_Notes.docx**

**git status**

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Errata.txt

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add README.md

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Session\_Log\_and\_Notes.docx

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is up to date with 'origin/main'.

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Errata.txt

new file: Git\_Learning\_Resources.docx

modified: README.md

modified: Session\_Log\_and\_Notes.docx

new file: Tails\_Installation\_Notes.docx

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Tails\_Installation\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Learning\_Plan.docx#

.~lock.Tails\_Installation\_Notes.docx#

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$

**4/2/24 Errata Notes**

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git remote

origin

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git remote -v

origin https://github.com/SteveN5QC/Git\_Education.git (fetch)

origin https://github.com/SteveN5QC/Git\_Education.git (push)

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git push origin Forgetful

error: src refspec Forgetful does not match any

error: failed to push some refs to 'https://github.com/SteveN5QC/Git\_Education.git'

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git push origin HP\_D

error: src refspec HP\_D does not match any

error: failed to push some refs to 'https://github.com/SteveN5QC/Git\_Education.git'

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git push origin main

Username for 'https://github.com': SteveN5QC

Password for 'https://SteveN5QC@github.com':

remote: Support for password authentication was removed on August 13, 2021.

remote: Please see https://docs.github.com/get-started/getting-started-with-git/about-remote-repositories#cloning-with-https-urls for information on currently recommended modes of authentication.

fatal: Authentication failed for 'https://github.com/SteveN5QC/Git\_Education.git/'

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$

NEXT:

1. Upload to Forgetful via Web -- DONE

2. Try Archiving and Re-Starting by new clone

a. Zip Archive -- Done

b. Work from NEW Cone -- HOLD

3. Create Open Issues List --> Start with Authentication and Working on Branches – DONE

**4/4/24 AM Session**

Plan:

1. Work on Branches and Fetching Branches

2. Work on Authentication

**Branches**

* + Try this which seems to have worked on HP via HP\_D
    - git fetch <remote name> <branch name>
    - git branch <branch> FETCH\_HEAD
    - And possibly: git checkout <branch name>

**git fetch origin Forgetful**

**git branch Forgetful FETCH\_HEAD**

**And possibly: git checkout Forgetful**

amnesia@amnesia:~$ cd persistent

bash: cd: persistent: No such file or directory

amnesia@amnesia:~$ cd cd Persistent

bash: cd: too many arguments

amnesia@amnesia:~$ cd Persistent

amnesia@amnesia:~/Persistent$ cd Git

amnesia@amnesia:~/Persistent/Git$ ls

2024\_04\_04\_Snapshot\_of\_Git\_Education.zip Repositories

amnesia@amnesia:~/Persistent/Git$ cd Repositories

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Git\_Education

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Git\_Education

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git fetch origin Forgetful

remote: Enumerating objects: 12, done.

remote: Counting objects: 100% (12/12), done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 8 (delta 1), reused 0 (delta 0), pack-reused 0

Receiving objects: 100% (8/8), 188.92 KiB | 147.00 KiB/s, done.

Resolving deltas: 100% (1/1), completed with 1 local object.

From https://github.com/SteveN5QC/Git\_Education

\* branch Forgetful -> FETCH\_HEAD

6021ab9..045744c Forgetful -> origin/Forgetful

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git branch Forgetful FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: Errata.txt

modified: Tails\_Installation\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Open\_Issues\_Tracker.docx#

.~lock.Tails\_Installation\_Notes.docx#

Open\_Issues\_Tracker.docx

no changes added to commit (use "git add" and/or "git commit -a")

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git checkout Forgetful

error: Your local changes to the following files would be overwritten by checkout:

Errata.txt

Please commit your changes or stash them before you switch branches.

Aborting

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Errata.txt

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Tails\_Installation\_Notes.docx

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Open\_Issues\_Tracker.docx

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Errata.txt

new file: Open\_Issues\_Tracker.docx

modified: Tails\_Installation\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Open\_Issues\_Tracker.docx#

.~lock.Tails\_Installation\_Notes.docx#

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git fetch origin Forgetful

From https://github.com/SteveN5QC/Git\_Education

\* branch Forgetful -> FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git branch Forgetful FETCH\_HEAD

fatal: a branch named 'Forgetful' already exists

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git checkout Forgetful

error: Your local changes to the following files would be overwritten by checkout:

Errata.txt

Please commit your changes or stash them before you switch branches.

Aborting

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ ^C

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git add Errata.txt

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ status

bash: status: command not found

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is ahead of 'origin/main' by 1 commit.

(use "git push" to publish your local commits)

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

modified: Errata.txt

new file: Open\_Issues\_Tracker.docx

modified: Tails\_Installation\_Notes.docx

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Open\_Issues\_Tracker.docx#

.~lock.Tails\_Installation\_Notes.docx#

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git commit

Author identity unknown

\*\*\* Please tell me who you are.

Run

git config --global user.email "you@example.com"

git config --global user.name "Your Name"

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: empty ident name (for <amnesia@localhost>) not allowed

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ ^C

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git config --global "SteveN5QC@gmail.com"

error: invalid key: SteveN5QC@gmail.com

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ ^C

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git config --global user.email "SteveN5QC@gmail.com"

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git config --global user.name "Steve Nielson"

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git commit

Aborting commit due to empty commit message.

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git commit

[main 8c2b17a] Commiting on Tails 2024.04.04 On branch main

3 files changed, 26 insertions(+), 1 deletion(-)

create mode 100644 Open\_Issues\_Tracker.docx

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git checkout Forgetful

Switched to branch 'Forgetful'

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch Forgetful

Untracked files:

(use "git add <file>..." to include in what will be committed)

.~lock.Learning\_Plan.docx#

.~lock.Open\_Issues\_Tracker.docx#

.~lock.Tails\_Installation\_Notes.docx#

nothing added to commit but untracked files present (use "git add" to track)

**04/05/24 Early PM**

amnesia@amnesia:~$ cd Persistent

amnesia@amnesia:~/Persistent$ cd Git

amnesia@amnesia:~/Persistent/Git$ cd Repositories

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

amnesia@amnesia:~/Persistent/Git/Repositories$ git clone https://github.com/SteveN5QC/Git\_Education.git

Cloning into 'Git\_Education'...

remote: Enumerating objects: 58, done.

remote: Counting objects: 100% (58/58), done.

remote: Compressing objects: 100% (50/50), done.

remote: Total 58 (delta 18), reused 23 (delta 7), pack-reused 0

Receiving objects: 100% (58/58), 26.11 MiB | 468.00 KiB/s, done.

Resolving deltas: 100% (18/18), done.

amnesia@amnesia:~/Persistent/Git/Repositories$ git status

fatal: not a git repository (or any parent up to mount point /home/amnesia)

Stopping at filesystem boundary (GIT\_DISCOVERY\_ACROSS\_FILESYSTEM not set).

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Git\_Education

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Git\_Education

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ cd ..

amnesia@amnesia:~/Persistent/Git/Repositories$ git clone https://github.com/SteveN5QC/Arduino.git

Cloning into 'Arduino'...

remote: Enumerating objects: 4, done.

remote: Counting objects: 100% (4/4), done.

remote: Compressing objects: 100% (4/4), done.

remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0

Receiving objects: 100% (4/4), 12.63 KiB | 294.00 KiB/s, done.

amnesia@amnesia:~/Persistent/Git/Repositories$ git clone https://github.com/SteveN5QC/Python.git

Cloning into 'Python'...

remote: Enumerating objects: 9, done.

remote: Counting objects: 100% (9/9), done.

remote: Compressing objects: 100% (6/6), done.

remote: Total 9 (delta 0), reused 3 (delta 0), pack-reused 0

Receiving objects: 100% (9/9), 15.69 KiB | 78.00 KiB/s, done.

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Arduino Git\_Education Python

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Arduino

amnesia@amnesia:~/Persistent/Git/Repositories/Arduino$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

amnesia@amnesia:~/Persistent/Git/Repositories/Arduino$ cd ,,

bash: cd: ,,: No such file or directory

amnesia@amnesia:~/Persistent/Git/Repositories/Arduino$ cd ..

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Arduino Git\_Education Python

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Python

amnesia@amnesia:~/Persistent/Git/Repositories/Python$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

**04/06/24 Saturday PM**

Plan:

* Branch and Checkout
  + Git\_Education
  + Standard\_Work
  + DigiPi
  + Python
  + Arduino
* Edit
  + *~~Populate Standard Work – Abandon~~*
  + Update DigiPi
  + Update Git\_Education
  + Update Python
  + Update Arduino
* Commit and Push Changes
  + DigiPi -- Clean
  + Git\_Education
  + Python
  + Arduino

Log:

amnesia@amnesia:~$ cd Persistent

amnesia@amnesia:~/Persistent$ cd Git

amnesia@amnesia:~/Persistent/Git$ cd Git\_Education

bash: cd: Git\_Education: No such file or directory

amnesia@amnesia:~/Persistent/Git$ ls

2024\_04\_04\_Snapshot\_of\_Git\_Education.zip 2024\_04\_05\_Archive\_of\_Git\_Education.zip Repositories

amnesia@amnesia:~/Persistent/Git$ cd Repositories

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Arduino Git\_Education Python

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Git\_Education

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ ls

Errata.txt Learning\_Plan.docx progit.epub README.md Tails\_Installation\_Notes.docx

Git\_Learning\_Resources.docx Open\_Issues\_Tracker.docx progit.pdf Session\_Log\_and\_Notes.docx

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git fetch origin main

remote: Enumerating objects: 17, done.

remote: Counting objects: 100% (4/4), done.

remote: Compressing objects: 100% (2/2), done.

remote: Total 17 (delta 2), reused 2 (delta 2), pack-reused 13

Receiving objects: 100% (17/17), 60.36 KiB | 37.00 KiB/s, done.

Resolving deltas: 100% (6/6), completed with 2 local objects.

From https://github.com/SteveN5QC/Git\_Education

\* branch main -> FETCH\_HEAD

1695252..ecaae39 main -> origin/main

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git branch Sat\_PM\_Tails FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git checkout Sat\_PM\_Tails

Switched to branch 'Sat\_PM\_Tails'

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git branch

\* Sat\_PM\_Tails

main

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ git status

On branch Sat\_PM\_Tails

nothing to commit, working tree clean

amnesia@amnesia:~/Persistent/Git/Repositories/Git\_Education$ cd ..

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Arduino Git\_Education Python

amnesia@amnesia:~/Persistent/Git/Repositories$ md DigiPi

bash: md: command not found

amnesia@amnesia:~/Persistent/Git/Repositories$ cd DigiPi

bash: cd: DigiPi: No such file or directory

amnesia@amnesia:~/Persistent/Git/Repositories$ git clone https://github.com/SteveN5QC/DigiPi.git

Cloning into 'DigiPi'...

remote: Enumerating objects: 13, done.

remote: Counting objects: 100% (13/13), done.

remote: Compressing objects: 100% (8/8), done.

remote: Total 13 (delta 0), reused 10 (delta 0), pack-reused 0

Receiving objects: 100% (13/13), 9.22 MiB | 528.00 KiB/s, done.

amnesia@amnesia:~/Persistent/Git/Repositories$ git status

fatal: not a git repository (or any parent up to mount point /home/amnesia)

Stopping at filesystem boundary (GIT\_DISCOVERY\_ACROSS\_FILESYSTEM not set).

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Arduino DigiPi Git\_Education Python

amnesia@amnesia:~/Persistent/Git/Repositories$ cd DigiPi

amnesia@amnesia:~/Persistent/Git/Repositories/DigiPi$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

amnesia@amnesia:~/Persistent/Git/Repositories/DigiPi$ git fetch origin main

From https://github.com/SteveN5QC/DigiPi

\* branch main -> FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/DigiPi$ git branch Sat\_PM\_Tails FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/DigiPi$ git checkout Sat\_PM\_Tails

Switched to branch 'Sat\_PM\_Tails'

amnesia@amnesia:~/Persistent/Git/Repositories/DigiPi$ git branch

\* Sat\_PM\_Tails

main

amnesia@amnesia:~/Persistent/Git/Repositories/DigiPi$ git status

On branch Sat\_PM\_Tails

nothing to commit, working tree clean

amnesia@amnesia:~/Persistent/Git/Repositories/DigiPi$ cd ..

amnesia@amnesia:~/Persistent/Git/Repositories$ git clone https://github.com/SteveN5QC/Standard\_Work.git

Cloning into 'Standard\_Work'...

remote: Enumerating objects: 6, done.

remote: Counting objects: 100% (6/6), done.

remote: Compressing objects: 100% (3/3), done.

remote: Total 6 (delta 0), reused 3 (delta 0), pack-reused 0

Receiving objects: 100% (6/6), done.

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Stansard\_Work

bash: cd: Stansard\_Work: No such file or directory

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Standard\_Work

amnesia@amnesia:~/Persistent/Git/Repositories/Standard\_Work$ git fetch origin main

From https://github.com/SteveN5QC/Standard\_Work

\* branch main -> FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/Standard\_Work$ git branch Sat\_PM\_Tails FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/Standard\_Work$ git checkout Sat\_PM\_Tails

Switched to branch 'Sat\_PM\_Tails'

amnesia@amnesia:~/Persistent/Git/Repositories/Standard\_Work$ git branch

\* Sat\_PM\_Tails

main

amnesia@amnesia:~/Persistent/Git/Repositories/Standard\_Work$ git status

On branch Sat\_PM\_Tails

nothing to commit, working tree clean

amnesia@amnesia:~/Persistent/Git/Repositories/Standard\_Work$

amnesia@amnesia:~/Persistent/Git/Repositories/Standard\_Work$ cd ..

amnesia@amnesia:~/Persistent/Git/Repositories$ ls

Arduino DigiPi Git\_Education Python Standard\_Work

amnesia@amnesia:~/Persistent/Git/Repositories$ cd Python

amnesia@amnesia:~/Persistent/Git/Repositories/Python$ git fetch origin main

From https://github.com/SteveN5QC/Python

\* branch main -> FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/Python$ git branch Sat\_PM\_Tails FETCH\_HEAD

amnesia@amnesia:~/Persistent/Git/Repositories/Python$ git checkout Sat\_PM\_Tails

Switched to branch 'Sat\_PM\_Tails'

amnesia@amnesia:~/Persistent/Git/Repositories/Python$ git branch

\* Sat\_PM\_Tails

main

amnesia@amnesia:~/Persistent/Git/Repositories/Python$ git status

On branch Sat\_PM\_Tails

nothing to commit, working tree clean